

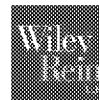
Actual Use of Malathion

- Agenda for September 20, 2018 meeting
- FMC Corporation and USFWS staff



Agenda

- A. Introductions and Opening Remarks
- B. Summary of the April 19th briefing and next steps
- C. Review work from April and May 2018 with OP Registrants.
 - 1. Review regulatory and use history for malathion (Paul Whatling, FMC)
 - 2. Overview of Pesticide Usage Data (Ashlea Frank, Compliance Services International)
 - 3. Incorporating Malathion Actual Agricultural Use Datasets in Endangered Species Exposure Assessments (Michael Winchell, Stone Environmental, Inc.)
 - 4. Usage Data Available to Refine Scope and Volume of Malathion Used for Mosquito Control (Ashlea Frank, Compliance Services International)
 - 5. Endangered Species Risk Assessment (Scott Teed, Intrinsik)
- D. Question and Answer session.
- E. Next Steps discussion.



Summary of the April 19th Briefing and Next Steps



FWS is examining use data for the consultation process

FWS goals are to:

- Develop standard approaches/policy for including use data in consultations
- Determine what data is useful at various stages/tiers
- Identify gaps in data bases and alternative sources
- Develop methods for compiling data, characterize uncertainties
- Develop guidelines for use data
- Program management of Federal and state lands



Identification of Data Relevant to Refine Exposure

Labeled uses

Incorporating Usage Data (pounds, timing and footprint)

- Ag and Non-Ag uses: defining the areas of action

 - Insecticide use volumes vary with pest outbreaks

- Factors that define or refine footprint of actual use

 - Percentage of treated area by state and crop

- National scale market surveys –USDA chemical use, AgroTrak

 - Ranges of use rates/numbers at varying spatial scales (state to region to CRD to county)

 - Trends over years

 - Differences by application methods – ground vs. aerial

- State use data – CA PUR, Washington, Oregon, etc.

 - Permitted use

 - Can be at highly detailed spatial/temporal scale

- Crop specific data - Cranberry institute

- Actual use specific – AMCA, FLMCC , REJV, company sales data



Next Steps

Properly define “action” based on labels.

Identify actual use data readily available to FWS

Evaluate its usefulness

Develop ways to provide or collect data

- Registrant contributions

- Data from EPA

- Aggregate and deliver data through FESSTF's Gopher

Develop a percent treated estimate by crop and state from AgroTrak and other data.

Mappable data on actual use in mosquito control and other uses.

Implications of use of real world data on ESA pesticide assessments.

